

Receipt date: 07/22/2008

Sheet 1 of 4

INFORMATION DISCLOSURE STATEMENT

10528240 - GAU: 1621

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: July 22, 2008

ATTY DOCKET NO.
2005_0411ASERIAL NO.
10/528,240APPLICANT
Yasushi KOHNO et al.FILING DATE
April 22, 2005GROUP
1621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,604,229	2/1997	Fujita et al.			
	AB	5,719,176	2/1998	Fujita et al.			
	AC	5,952,316	9/1999	Fujita et al.			
	AD	6,723,745	4/2004	Nishi et al.			
	AE	6,964,976	11/2005	Nishi et al.			
	AF	2003/0236297	12/2003	Nishi et al.			
	AG	2004/0132784	7/2004	Nishi et al.			
	AH	6,963,012	11/2005	Kohno et al.			
	AI	6,960,692	11/2005	Kohno et al.			
	AJ	7,179,817	2/2007	Seko et al.			
	AK	2007/0088027	4/2007	Seko et al.			
	AL	6,437,165	8/2002	Mandala et al.			
	AM	2002/0091105	7/2002	Mandala et al.			
	AN	7,326,801	2/2008	Albert et al.			
	AO	7,064,217	6/2006	Macdonald et al.			
	AP	2004/0110728	6/2004	Macdonald et al.			
	AQ	2005/0020837	1/2005	Doherty et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	94/08943	4/1994	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Yoh Takuwa et al., "Subtype-specific, differential activities of the EDG family receptors for sphingosine-1-phosphate, a novel lysophospholipid mediator", Molecular and Cellular Endocrinology, 177, pages 3-11, 2001.
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EXAMINER

/Brian Davis/

DATE CONSIDERED

09/08/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BD/

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	7,288,558	10/2007	Nakade et al.			
	AB	2004/0058894	3/2004	Doherty et al.			
	AC	2005/0070506	3/2005	Doherty et al.			
	AD	2005/0033055	2/2005	Buglanesi et al.			
	AE	7,309,721	12/2007	Budhu et al.			
	AF	5,447,922	9/1995	Lawrence et al.			
	AG	5,543,542	8/1996	Lawrence et al.			
	AH	2006/0166940	7/2006	Buehlmayer et al.			
	AI	2004/0235794	11/2004	Nakade et al.			
	AJ	2005/0107345	5/2005	Doherty et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	02/06268	1/2002	WO			
	BB	2002-53575	2/2002	Japan			
	BC	03/029184	4/2003	WO			
	BD	03/029205	4/2003	WO			
	BE	01/98301	12/2001	WO			
	BF	02/092068	11/2002	WO			
	BG	03/040097	5/2003	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Yasuyuki Igarashi, "Sphingosine-1-Phosphate as an Intercellular Signaling Molecule", Annals New York Academy of Sciences, 845, pages 19-31, 1998.
CB	Hiroshi Okazaki et al., "Molecular Cloning of a Novel Putative G Protein-Coupled Receptor Expressed in the Cardiovascular System", Biochemical and Biophysical Research Communications, Vol. 190, No. 3, pages 1104-1109, February 15, 1993.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2007/0224263	9/2007	Doherty et al.			
	AB	7,199,142	4/2007	Chen et al.			
	AC	7,241,790	7/2007	Lynch et al.			
	AD	2007/0219163	9/2007	Lynch et al.			
	AE	2006/0148844	7/2006	Nakade et al.			
	AF	2007/0135402	6/2007	Habashita et al.			
	AG	2006/0160771	7/2006	Kohno et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	02/18395	3/2002	WO			
	BB	02/076995	10/2002	WO			
	BC	2003-137894	5/2003	Japan			
	BD	03/061567	7/2003	WO			
	BE	03/062248	7/2003	WO			
	BF	03/062252	7/2003	WO			
	BG	03/073986	9/2003	WO			
	BH	02/064616	8/2002	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Volker Brinkmann et al., "The Immune Modulator FTY720 Targets Sphingosine 1-Phosphate Receptors", The Journal of Biological Chemistry, Vol. 277, No. 24, pages 21453-21457, 2002.
CB	Suzanne Mandala et al., "Alteration of Lymphocyte Trafficking by Sphingosine-1-Phosphate Receptor Agonists", Science, Vol. 296, pages 346-349, April 12, 2002.
CC	M. Germana Sanna et al., "Sphingosine 1-Phosphate (S1P) Receptor Subtypes S1P ₁ and S1P ₃ , Respectively, Regulate Lymphocyte Recirculation and Heart Rate", The Journal of Biological Chemistry, Vol. 279, No. 14, pages 13839-13848, April 2, 2004.

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Sheet 4 of 4		FORM PTO 1449 (modified)		ATTY DOCKET NO. 2005_0411A		SERIAL NO. 10/528,240	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT Yasushi KOHNO et al.			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				FILING DATE April 22, 2005		GROUP 1621	
Date Submitted to PTO: July 22, 2008							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	7,351,725	4/2008	Doherty et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	0 698 609	2/1996	Europe			
	BB	2004/024673	3/2004	WO			
	BC	03/020313	3/2003	WO			
	BD	2003-267936	9/2003	Japan			
	BE	03/074008	9/2003	WO			
	BF	03/105771	12/2003	WO			
	BG	2004/010949	2/2004	WO			
	BH	2004/002531	1/2004	WO			
	BI	2004/000000		Japan			
	BJ	2004/000000		Japan			
	BK	2004/074297	9/2004	WO			
	BL	02/062389	8/2002	WO			
	BM	03/051876	6/2003	WO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
CA	M. Forrest et al., "Immune Cell Regulation and Cardiovascular Effects of Sphingosine 1-Phosphate Receptor Agonists in Rodents are Mediated via Distinct Receptor Subtypes", The Journal of Pharmacology and Experimental Therapeutics, Vol. 309, No. 2, pages 758-768, 2004.						
CB	Bodo Levkau et al., "High-Density Lipoprotein Stimulates Myocardial Perfusion In Vivo", Circulation, 110, pages 3355-3359, 2004.						
CC	Salvatore Salomone et al., "S1P ₃ receptors mediate the potent constriction of cerebral arteries by sphingosine-1-phosphate", European Journal of Pharmacology, 469, pages 125-134, 2003.						
EXAMINER	/Brian Davis/				DATE CONSIDERED	09/08/2008	

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